





NEMA Premium

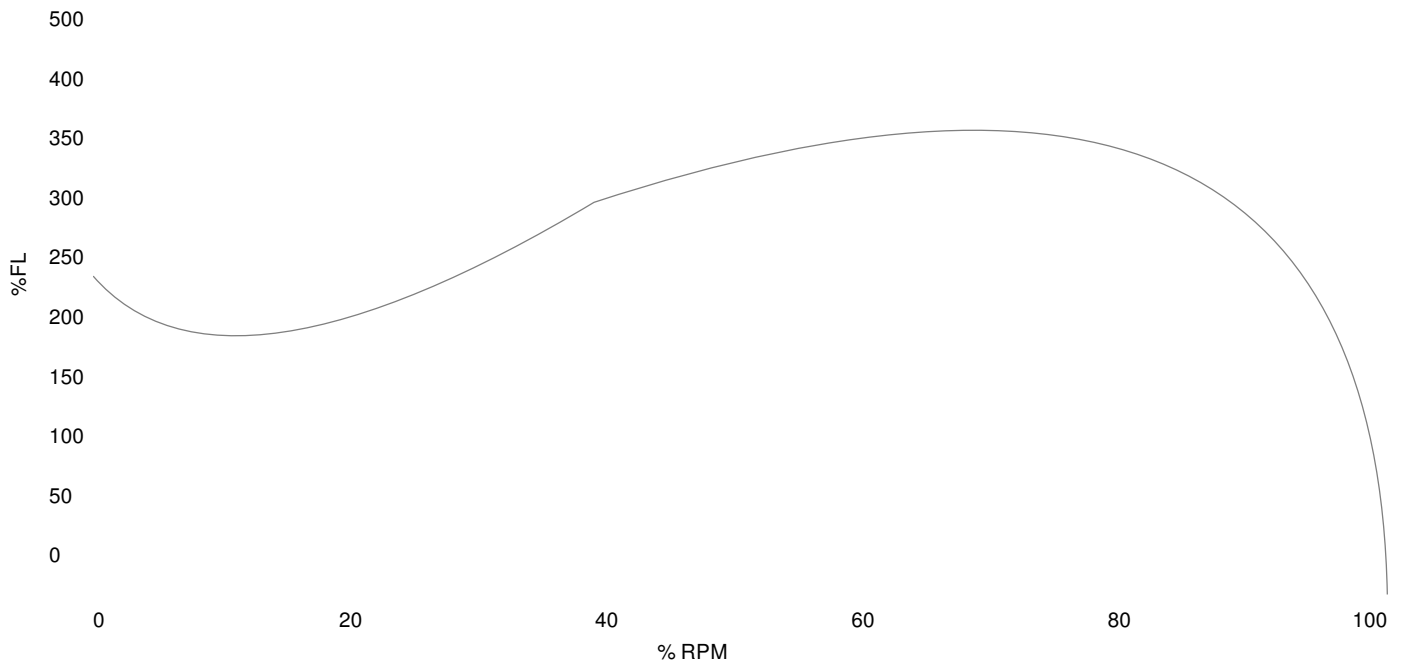
**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-TF-254T-6-BR-F-7.5
<b>FACTORY TYPE:</b>	TXC

Premium NEMA Cast Iron, TEFC

Non Sinusoidal (VFD) Output 7.5HP, 1170 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	83.9161	246.0	Start Configuration
Pull-Up Torque	44.687	131.0	Starting Current (A)
Breakdown Torque	103.36	303.0	No-Load Current (A)
Full Load	34.1123	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	5.59	-	-	-	-
25	1.875	5.8	1.64	1194.4	85.17	0.36
50	3.75	6.98	3.1	1189.7	90.32	0.56
75	5.625	8.49	4.59	1184.4	91.43	0.68
100	7.5	10.31	6.13	1178.4	91.33	0.75
125	9.375	12.41	7.72	1171.8	90.64	0.78

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